

## Freeform Search

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|                  |   |
|------------------|---|
| <b>Database:</b> | <input checked="" type="checkbox"/> US Pre-Grant Publication Full-Text Database<br><input checked="" type="checkbox"/> US Patents Full-Text Database<br><input type="checkbox"/> US OCR Full-Text Database<br><input type="checkbox"/> EPO Abstracts Database<br><input type="checkbox"/> JPO Abstracts Database<br><input type="checkbox"/> Derwent World Patents Index<br><input type="checkbox"/> IBM Technical Disclosure Bulletins |
| <b>Term:</b>     | <input type="text" value="L3"/>   |
| <b>Display:</b>  | <input type="text" value="10"/> Documents in <u>Display Format:</u> <input type="text" value="CIT"/> Starting with Number <input type="text" value="1"/>  |
| <b>Generate:</b> | <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image  |

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### Search History

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**DATE:** Wednesday, August 25, 2004 [Printable Copy](#) [Create Case](#)

| <u>Set Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
|-----------------|--------------|------------------|-----------------|
| side by side    |              |                  | result set      |

*DB=USPT; PLUR=YES; OP=OR*

L4 L3 0 L4

*DB=PGPB; PLUR=YES; OP=OR*

L3 hajdukiewicz.in. 2 L3

*DB=USPT; PLUR=YES; OP=OR*

L2 hajdukiewicz.in. 0 L2

L1 hujudukiewicz.in. 0 L1

END OF SEARCH HISTORY

## Hit List

|                               |                                     |                       |                          |                           |
|-------------------------------|-------------------------------------|-----------------------|--------------------------|---------------------------|
| <a href="#">Clear</a>         | <a href="#">Generate Collection</a> | <a href="#">Print</a> | <a href="#">Fwd Refs</a> | <a href="#">Bkwd Refs</a> |
| <a href="#">Generate OACS</a> |                                     |                       |                          |                           |

### Search Results - Record(s) 1 through 6 of 6 returned.

1. Document ID: US 20030113921 A1

**Using default format because multiple data bases are involved.**

L5: Entry 1 of 6

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113921  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030113921 A1

TITLE: Nucleic acid sequences capable of improving homologous recombination in plants and plant plastids

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

| NAME                        | CITY         | STATE | COUNTRY | RULE-47 |
|-----------------------------|--------------|-------|---------|---------|
| <u>Gilbertson, Larry A.</u> | Chesterfield | MO    | US      |         |
| Staub, Jeffrey M.           | Wildwood     | MO    | US      |         |

US-CL-CURRENT: 435/475; 435/320.1, 536/23.1

|                      |                       |                          |                       |                        |                                |                      |                           |                           |                             |                        |                      |                         |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|-------------------------|
| <a href="#">Full</a> | <a href="#">Title</a> | <a href="#">Citation</a> | <a href="#">Front</a> | <a href="#">Review</a> | <a href="#">Classification</a> | <a href="#">Date</a> | <a href="#">Reference</a> | <a href="#">Sequences</a> | <a href="#">Attachments</a> | <a href="#">Claims</a> | <a href="#">KWMC</a> | <a href="#">Drawn D</a> |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|-------------------------|

2. Document ID: US 20030110532 A1

L5: Entry 2 of 6

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030110532  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030110532 A1

TITLE: Methods for enhancing segregation of transgenes in plants and compositions thereof

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

| NAME                        | CITY         | STATE | COUNTRY | RULE-47 |
|-----------------------------|--------------|-------|---------|---------|
| Armostrong, Toni            | St. Louis    | MO    | US      |         |
| Barton, Kenneth             | Chesterfield | MO    | US      |         |
| Crow, Laura J.              | Middleton    | WI    | US      |         |
| <u>Gilbertson, Larry A.</u> | Chesterfield | MO    | US      |         |

|                      |             |    |    |
|----------------------|-------------|----|----|
| Huang, Shihshieh     | Stonington  | CT | US |
| Huang, Yong          | Oakland     | FL | US |
| Martinell, Brian J.  | Mount Horeb | WI | US |
| Petersen, Michael W. | Hillpoint   | WI | US |
| Piller, Kenneth J.   | Davidson    | NC | US |
| Wang, Qi             | St. Louis   | MO | US |
| Ye, Xudong           | Madison     | WI | US |

US-CL-CURRENT: 800/279, 435/320.1, 435/419, 536/23.2, 800/281

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn](#)

3. Document ID: US 20010056583 A1

L5: Entry 3 of 6

File: PGPB

Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010056583

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010056583 A1

TITLE: Homologous recombination-mediated transgene alterations in plants

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

| NAME                        | CITY             | STATE | COUNTRY | RULE-47 |
|-----------------------------|------------------|-------|---------|---------|
| McElroy, David              | Redwood City     | CA    | US      |         |
| Walters, David A.           | North Stonington | CT    | US      |         |
| <u>Gilbertson, Larry A.</u> | Chesterfield     | MO    | US      |         |

US-CL-CURRENT: 800/278, 435/468, 536/23.6, 536/23.7, 800/260, 800/288, 800/298,  
800/300, 800/302, 800/320, 800/320.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Drawn](#)

4. Document ID: US 6750379 B2

L5: Entry 4 of 6

File: USPT

Jun 15, 2004

US-PAT-NO: 6750379

DOCUMENT-IDENTIFIER: US 6750379 B2

TITLE: Homologous recombination-mediated transgene alterations in plants

DATE-ISSUED: June 15, 2004

INVENTOR-INFORMATION:

| NAME           | CITY         | STATE | ZIP CODE | COUNTRY |
|----------------|--------------|-------|----------|---------|
| McElroy, David | Redwood City | CA    |          |         |

|                             |                  |    |
|-----------------------------|------------------|----|
| Walters; David A.           | North Stonington | CT |
| <u>Gilbertson; Larry A.</u> | Chesterfield     | MO |

US-CL-CURRENT: 800/278; 800/260, 800/275, 800/288, 800/300, 800/306, 800/312,  
800/314, 800/317.2, 800/320, 800/320.1, 800/320.2, 800/320.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  |  | [Claims](#) | [KMC](#) | [Draw. D](#)

5. Document ID: US 6047609 A

L5: Entry 5 of 6

File: USPT

Apr 11, 2000

US-PAT-NO: 6047609

DOCUMENT-IDENTIFIER: US 6047609 A

TITLE: Remote control mechanism

DATE-ISSUED: April 11, 2000

INVENTOR-INFORMATION:

| NAME                       | CITY          | STATE | ZIP CODE | COUNTRY |
|----------------------------|---------------|-------|----------|---------|
| Brower; David R.           | Fond du Lac   | WI    |          |         |
| Floeter; <u>Larry A.</u>   | Campbellsport | WI    |          |         |
| <u>Gilbertson; Gary G.</u> | Fond du Lac   | WI    |          |         |

US-CL-CURRENT: 74/473.19; 440/86, 74/480R

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  |  | [Claims](#) | [KMC](#) | [Draw. D](#)

6. Document ID: US 6025536 A

L5: Entry 6 of 6

File: USPT

Feb 15, 2000

US-PAT-NO: 6025536

DOCUMENT-IDENTIFIER: US 6025536 A

TITLE: Process of manufacturing a cobalt-chromium orthopaedic implant without covering defects in the surface of the implant

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

| NAME                         | CITY      | STATE | ZIP CODE | COUNTRY |
|------------------------------|-----------|-------|----------|---------|
| Bender; <u>Larry S.</u>      | Leesburg  | IN    |          |         |
| Blakemore; David M.          | Warsaw    | IN    |          |         |
| Compton; Richard C.          | Warsaw    | IN    |          |         |
| Cwik; Richard B.             | Mishawaka | IN    |          |         |
| <u>Gilbertson; Leslie N.</u> | Warsaw    | IN    |          |         |
| Humphrey; Steven M.          | Warsaw    | IN    |          |         |

|                   |            |    |
|-------------------|------------|----|
| Kitch; Steven C.  | Akron      | IN |
| Merchant; Kris K. | Fort Wayne | IN |
| Mosher; Tim A.    | Warsaw     | IN |
| Reed; Robin J.    | Warsaw     | IN |

US-CL-CURRENT: 623/23.53

|      |       |          |       |        |                |      |           |     |     |     |        |     |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----|-----|-----|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | ... | ... | Claims | KMC | Draw. D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----|-----|-----|--------|-----|---------|

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|       |                     |       |          |            |               |
|-------|---------------------|-------|----------|------------|---------------|
| Clear | Generate Collection | Print | Fwd Refs | Blkwd Refs | Generate OACS |
|-------|---------------------|-------|----------|------------|---------------|

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|              |           |
|--------------|-----------|
| Terms        | Documents |
| larry and L4 | 6         |

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Display Format:  [Change Format](#)

[Previous Page](#)    [Next Page](#)    [Go to Doc#](#)

## Refine Search

### Search Results -

| Terms                   | Documents |
|-------------------------|-----------|
| plastid and recombinase | 38        |

**Database:**

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Search:****Refine Search****Recall Text****Clear****Interrupt**

### Search History

**DATE: Wednesday, August 25, 2004** [Printable Copy](#) [Create Case](#)**Set Name** **Query****Hit Count** **Set Name**

side by side

result set

*DB=USPT; PLUR=YES; OP=OR*

L1 plastid and recombinase 38 L1

END OF SEARCH HISTORY

## Hit List

|                               |                                     |                       |                          |                           |
|-------------------------------|-------------------------------------|-----------------------|--------------------------|---------------------------|
| <a href="#">Clear</a>         | <a href="#">Generate Collection</a> | <a href="#">Print</a> | <a href="#">Fwd Refs</a> | <a href="#">Bkwd Refs</a> |
| <a href="#">Generate OACS</a> |                                     |                       |                          |                           |

### Search Results - Record(s) 1 through 10 of 38 returned.

1. Document ID: US 6762347 B1

L1: Entry 1 of 38

File: USPT

Jul 13, 2004

US-PAT-NO: 6762347

DOCUMENT-IDENTIFIER: US 6762347 B1

TITLE: NOR gene compositions and methods for use thereof

DATE-ISSUED: July 13, 2004

INVENTOR-INFORMATION:

| NAME               | CITY     | STATE | ZIP CODE | COUNTRY |
|--------------------|----------|-------|----------|---------|
| Giovannoni; James  | Ithaca   | NY    | 14850    |         |
| Tanksley; Steven   | Ithaca   | NY    | 14850    |         |
| Vrebalov; Julia    | Ithaca   | NY    | 14850    |         |
| Noensie; Frederick | New York | NY    | 10016    |         |

US-CL-CURRENT: 800/286; 435/320.1, 800/292, 800/293, 800/294

|                      |                       |                          |                       |                        |                                |                      |                           |                          |                                   |                        |                      |                         |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|--------------------------|-----------------------------------|------------------------|----------------------|-------------------------|
| <a href="#">Full</a> | <a href="#">Title</a> | <a href="#">Citation</a> | <a href="#">Front</a> | <a href="#">Review</a> | <a href="#">Classification</a> | <a href="#">Date</a> | <a href="#">Reference</a> | <a href="#">Abstract</a> | <a href="#">Detailed Abstract</a> | <a href="#">Claims</a> | <a href="#">KOMC</a> | <a href="#">Drawn D</a> |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|--------------------------|-----------------------------------|------------------------|----------------------|-------------------------|

2. Document ID: US 6750379 B2

L1: Entry 2 of 38

File: USPT

Jun 15, 2004

US-PAT-NO: 6750379

DOCUMENT-IDENTIFIER: US 6750379 B2

TITLE: Homologous recombination-mediated transgene alterations in plants

DATE-ISSUED: June 15, 2004

INVENTOR-INFORMATION:

| NAME                 | CITY             | STATE | ZIP CODE | COUNTRY |
|----------------------|------------------|-------|----------|---------|
| McElroy; David       | Redwood City     | CA    |          |         |
| Walters; David A.    | North Stonington | CT    |          |         |
| Gilbertson; Larry A. | Chesterfield     | MO    |          |         |

US-CL-CURRENT: 800/278; 800/260, 800/275, 800/288, 800/300, 800/306, 800/312,  
800/314, 800/317.2, 800/320, 800/320.1, 800/320.2, 800/320.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Advanced Search](#) | [Claims](#) | [KMC](#) | [Draw. De](#)

3. Document ID: US 6747189 B1

L1: Entry 3 of 38

File: USPT

Jun 8, 2004

US-PAT-NO: 6747189

DOCUMENT-IDENTIFIER: US 6747189 B1

TITLE: Maize glycine rich protein promoter compositions and methods for use thereof

DATE-ISSUED: June 8, 2004

INVENTOR-INFORMATION:

| NAME                 | CITY       | STATE | ZIP CODE | COUNTRY |
|----------------------|------------|-------|----------|---------|
| McElroy; David       | Palo Alto  | CA    |          |         |
| Orozco, Jr.; Emil M. | West Grove | PA    |          |         |
| Laccetti; Lucille B. | Groton     | CT    |          |         |

US-CL-CURRENT: 800/287, 435/419, 435/468, 536/24.1, 800/298, 800/306, 800/312,  
800/314, 800/317.2, 800/317.3, 800/317.4, 800/320, 800/320.1, 800/320.2,  
800/320.3, 800/322

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Advanced Search](#) | [Claims](#) | [KMC](#) | [Draw. De](#)

4. Document ID: US 6746870 B1

L1: Entry 4 of 38

File: USPT

Jun 8, 2004

US-PAT-NO: 6746870

DOCUMENT-IDENTIFIER: US 6746870 B1

TITLE: DNA recombination in eukaryotic cells by the bacteriophage PHIC31 recombination system

DATE-ISSUED: June 8, 2004

INVENTOR-INFORMATION:

| NAME              | CITY     | STATE | ZIP CODE | COUNTRY |
|-------------------|----------|-------|----------|---------|
| Ow; David W.      | Hercules | CA    |          |         |
| Calendar; Richard | Berkeley | CA    |          |         |
| Thomason; Lynn    | Albany   | CA    |          |         |

US-CL-CURRENT: 435/477, 435/252.35, 435/320.1, 435/471

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Advanced Search](#) | [Claims](#) | [KMC](#) | [Draw. De](#)

5. Document ID: US 6723896 B1

DATE-ISSUED: March 9, 2004

## INVENTOR-INFORMATION:

| NAME                       | CITY          | STATE | ZIP CODE | COUNTRY |
|----------------------------|---------------|-------|----------|---------|
| Stemmer; Willem P. C.      | Los Gatos     | CA    |          |         |
| Subramanian; Venkiteswaran | San Diego     | CA    |          |         |
| Raillard; Sun Ai           | Mountain View | CA    |          |         |
| Huisman; Gjalt             | San Carlos    | CA    |          |         |

US-CL-CURRENT: 435/440; 435/6, 435/91.2, 536/23.1, 536/24.3

|      |       |          |       |        |                |      |           |          |        |        |     |       |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|--------|--------|-----|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Searcher | Editor | Claims | KMC | Drawn |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|--------|--------|-----|-------|

 8. Document ID: US 6670154 B1

L1: Entry 8 of 38

File: USPT

Dec 30, 2003

US-PAT-NO: 6670154

DOCUMENT-IDENTIFIER: US 6670154 B1

TITLE: Automatic eukaryotic artificial chromosome vector

DATE-ISSUED: December 30, 2003

## INVENTOR-INFORMATION:

| NAME                    | CITY      | STATE | ZIP CODE | COUNTRY |
|-------------------------|-----------|-------|----------|---------|
| Hitzeman; Ronald A.     | Pacifica  | CA    | 94044    |         |
| Chisholm, IV; George E. | San Mateo | CA    | 94403    |         |

US-CL-CURRENT: 435/91.42; 435/320.1, 435/454

|      |       |          |       |        |                |      |           |          |        |        |     |       |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|--------|--------|-----|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Searcher | Editor | Claims | KMC | Drawn |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|--------|--------|-----|-------|

 9. Document ID: US 6646182 B2

L1: Entry 9 of 38

File: USPT

Nov 11, 2003

US-PAT-NO: 6646182

DOCUMENT-IDENTIFIER: US 6646182 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Mre11 orthologue and uses thereof

DATE-ISSUED: November 11, 2003

## INVENTOR-INFORMATION:

| NAME               | CITY      | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Mahajan; Pramod B. | Urbandale | IA    |          |         |

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 435/69.1, 536/23.1, 536/24.1, 536/24.5,

800/295, 800/312, 800/314, 800/317, 800/320, 800/320.1

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Claims](#) [KWMC](#) [Draw. D](#)

10. Document ID: US 6635806 B1

L1: Entry 10 of 38

File: USPT

Oct 21, 2003

US-PAT-NO: 6635806

DOCUMENT-IDENTIFIER: US 6635806 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Methods and compositions for expression of transgenes in plants

DATE-ISSUED: October 21, 2003

INVENTOR-INFORMATION:

| NAME               | CITY        | STATE | ZIP CODE | COUNTRY |
|--------------------|-------------|-------|----------|---------|
| Kriz; Alan L.      | Gales Ferry | CT    |          |         |
| Luethy; Michael H. | Old Mystic  | CT    |          |         |
| Voyles; Dale A.    | Griswold    | CT    |          |         |

US-CL-CURRENT: 800/287; 536/24.1, 800/298, 800/300, 800/301, 800/302, 800/303,  
800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320, 800/320.1, 800/320.2,  
800/320.3

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Claims](#) [KWMC](#) [Draw. D](#)

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| Terms                   | Documents |
|-------------------------|-----------|
| plastid and recombinase | 38        |

Display Format: [CIT](#) [Change Format](#)

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

## Hit List

|               |                     |       |          |           |
|---------------|---------------------|-------|----------|-----------|
| Clear         | Generate Collection | Print | Fwd Refs | Bkwd Refs |
| Generate OACS |                     |       |          |           |

### Search Results - Record(s) 11 through 20 of 38 returned.

11. Document ID: US 6635417 B1

L1: Entry 11 of 38

File: USPT

Oct 21, 2003

US-PAT-NO: 6635417

DOCUMENT-IDENTIFIER: US 6635417 B1

TITLE: Complex formation between DSDNA and oligomer of cyclic heterocycles

DATE-ISSUED: October 21, 2003

INVENTOR-INFORMATION:

NAME

Dervan; Peter B.

CITY

San Marino

STATE

CA

ZIP CODE

COUNTRY

US-CL-CURRENT: 435/6; 436/501

|      |       |          |       |        |                |      |           |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|---------|

12. Document ID: US 6632980 B1

L1: Entry 12 of 38

File: USPT

Oct 14, 2003

US-PAT-NO: 6632980

DOCUMENT-IDENTIFIER: US 6632980 B1

TITLE: Binary viral expression system in plants

DATE-ISSUED: October 14, 2003

INVENTOR-INFORMATION:

NAME

Yadav; Narendra S.

CITY

Chadds Ford

STATE

PA

Falco; S. Carl

Wilmington

DE

US-CL-CURRENT: 800/278; 435/320.1, 435/468, 800/280, 800/285, 800/287, 800/298,  
800/301

|      |       |          |       |        |                |      |           |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|---------|

13. Document ID: US 6586658 B1

L1: Entry 13 of 38

File: USPT

Jul 1, 2003

US-PAT-NO: 6586658

DOCUMENT-IDENTIFIER: US 6586658 B1

TITLE: Modification of fatty acid metabolism in plants

DATE-ISSUED: July 1, 2003

## INVENTOR-INFORMATION:

| NAME               | CITY      | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Peoples; Oliver P. | Arlington | MA    |          |         |
| Moloney; Maurice   | Calgary   |       |          | CA      |
| Patterson; Nii     | Calgary   |       |          | CA      |
| Snell; Kristi D.   | Belmont   | MA    |          |         |

US-CL-CURRENT: 800/281; 435/468, 435/6, 435/91.1, 536/23.2, 536/23.6, 800/278,  
800/298[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Description](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 14. Document ID: US 6583338 B2

L1: Entry 14 of 38

File: USPT

Jun 24, 2003

US-PAT-NO: 6583338

DOCUMENT-IDENTIFIER: US 6583338 B2

TITLE: Maize A3 promoter and methods for use thereof

DATE-ISSUED: June 24, 2003

## INVENTOR-INFORMATION:

| NAME                 | CITY          | STATE | ZIP CODE | COUNTRY |
|----------------------|---------------|-------|----------|---------|
| McElroy; David       | Palo Alto     | CA    |          |         |
| Kriz; Alan L.        | Gales Ferry   | CT    |          |         |
| Orozco, Jr.; Emil M. | West Grove    | PA    |          |         |
| Griffor; Matt        | N. Stonington | CT    |          |         |

US-CL-CURRENT: 800/278; 435/252.3, 435/320.1, 435/413, 435/414, 435/415, 435/416,  
435/417, 435/418, 435/419, 435/468, 435/69.1, 536/23.1, 536/23.6, 536/24.1,  
800/260, 800/279, 800/281, 800/284, 800/287, 800/289, 800/290, 800/295, 800/300,  
800/312, 800/314, 800/317, 800/320, 800/320.1, 800/320.2, 800/320.3[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Description](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 15. Document ID: US 6583275 B1

L1: Entry 15 of 38

File: USPT

Jun 24, 2003

US-PAT-NO: 6583275

DOCUMENT-IDENTIFIER: US 6583275 B1

TITLE: Nucleic acid sequences and expression system relating to *Enterococcus faecium* for diagnostics and therapeutics

DATE-ISSUED: June 24, 2003

## INVENTOR-INFORMATION:

| NAME                    | CITY       | STATE | ZIP CODE | COUNTRY |
|-------------------------|------------|-------|----------|---------|
| Doucette-Stamm; Lynn A. | Framingham | MA    |          |         |
| Bush; David             | Somerville | MA    |          |         |

US-CL-CURRENT: 536/23.1; 435/243, 435/320.1, 435/325, 435/6, 536/24.3, 536/24.32[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Drawings](#) | [Claims](#) | [KWMC](#) | [Draw. De](#) 16. Document ID: US 6580019 B1

L1: Entry 16 of 38

File: USPT

Jun 17, 2003

US-PAT-NO: 6580019

DOCUMENT-IDENTIFIER: US 6580019 B1

TITLE: Non-reciprocal recombination-mediated transgene deletion in transgenic plants

DATE-ISSUED: June 17, 2003

## INVENTOR-INFORMATION:

| NAME              | CITY             | STATE | ZIP CODE | COUNTRY |
|-------------------|------------------|-------|----------|---------|
| McElroy; David    | Redwood City     | CA    |          |         |
| Walters; David A. | North Stonington | CT    |          |         |

US-CL-CURRENT: 800/320[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Drawings](#) | [Claims](#) | [KWMC](#) | [Draw. De](#) 17. Document ID: US 6562593 B2

L1: Entry 17 of 38

File: USPT

May 13, 2003

US-PAT-NO: 6562593

DOCUMENT-IDENTIFIER: US 6562593 B2

TITLE: Isolated human transporter proteins, nucleic acid molecules encoding human transporter proteins, and uses thereof

DATE-ISSUED: May 13, 2003

## INVENTOR-INFORMATION:

| NAME                    | CITY          | STATE | ZIP CODE | COUNTRY |
|-------------------------|---------------|-------|----------|---------|
| Merkulov; Gennady       | Baltimore     | MD    |          |         |
| Guegler; Karl           | Menlo Park    | CA    |          |         |
| Webster; Marion         | San Francisco | CA    |          |         |
| Ketchum; Karen A.       | Germantown    | MD    |          |         |
| Di Francesco; Valentina | Rockville     | MD    |          |         |
| Beasley; Ellen M.       | Darnestown    | MD    |          |         |

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 536/23.5

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn D](#)

18. Document ID: US 6541684 B1

L1: Entry 18 of 38

File: USPT

Apr 1, 2003

US-PAT-NO: 6541684

DOCUMENT-IDENTIFIER: US 6541684 B1

TITLE: Nucleotide sequences encoding maize RAD51

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

| NAME                 | CITY            | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------------|-------|----------|---------|
| Bowen; Benjamin A.   | Hayward         | CA    |          |         |
| Chamberlin; Mark A.  | Windsor Heights | IA    |          |         |
| Drummond; Bruce J.   | Des Moines      | IA    |          |         |
| McElver; John A.     | Durham          | NC    |          |         |
| Rothstein; Rodney J. | Maplewood       | NJ    |          |         |

US-CL-CURRENT: 800/320.1; 435/196, 435/69.1, 536/23.1, 536/23.5, 536/24.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn D](#)

19. Document ID: US 6501008 B1

L1: Entry 19 of 38

File: USPT

Dec 31, 2002

US-PAT-NO: 6501008

DOCUMENT-IDENTIFIER: US 6501008 B1

TITLE: Maize endo-1,3;1,4-.beta.-glucanase nucleic acid

DATE-ISSUED: December 31, 2002

INVENTOR-INFORMATION:

| NAME              | CITY  | STATE | ZIP CODE | COUNTRY |
|-------------------|-------|-------|----------|---------|
| Nevins; Donald J. | Davis | CA    |          |         |

Simmons; Carl R.

Des Moines

IA

US-CL-CURRENT: 800/298; 435/320.1, 435/419, 536/23.2, 536/23.6, 800/278, 800/290

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Bwd Refs](#) | [Fwd Refs](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 20. Document ID: US 6498022 B2

L1: Entry 20 of 38

File: USPT

Dec 24, 2002

US-PAT-NO: 6498022

DOCUMENT-IDENTIFIER: US 6498022 B2

TITLE: Isolated nucleic acid molecules encoding human carbonate transporter proteins, and uses thereof

DATE-ISSUED: December 24, 2002

## INVENTOR-INFORMATION:

| NAME                    | CITY       | STATE | ZIP CODE | COUNTRY |
|-------------------------|------------|-------|----------|---------|
| Wei; Ming-Hui           | Germantown | MD    |          |         |
| Li; Jiayin              | Potomac    | MD    |          |         |
| Gong; Fangcheng         | Germantown | MD    |          |         |
| Gabrielian; Andrei      | Rockville  | MD    |          |         |
| Ketchum; Karen A.       | Germantown | MD    |          |         |
| Di Francesco; Valentina | Rockville  | MD    |          |         |
| Beasley; Ellen M.       | Darnestown | MD    |          |         |

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 536/23.5

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Bwd Refs](#) | [Fwd Refs](#) | [Claims](#) | [KMC](#) | [Drawn D](#)[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

| Terms                   | Documents |
|-------------------------|-----------|
| plastid and recombinase | 38        |

Display Format: [CIT](#) | [Change Format](#)[Previous Page](#) | [Next Page](#) | [Go to Doc#](#)

## Hit List

---

|                               |                                     |                       |                          |                           |
|-------------------------------|-------------------------------------|-----------------------|--------------------------|---------------------------|
| <a href="#">Clear</a>         | <a href="#">Generate Collection</a> | <a href="#">Print</a> | <a href="#">Fwd Refs</a> | <a href="#">Bkwd Refs</a> |
| <a href="#">Generate OAQS</a> |                                     |                       |                          |                           |

**Search Results - Record(s) 21 through 30 of 38 returned.**

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21. Document ID: US 6483011 B1

L1: Entry 21 of 38

File: USPT

Nov 19, 2002

US-PAT-NO: 6483011

DOCUMENT-IDENTIFIER: US 6483011 B1

TITLE: Modified ADP-glucose pyrophosphorylase for improvement and optimization of plant phenotypes

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

| NAME                       | CITY      | STATE | ZIP CODE | COUNTRY |
|----------------------------|-----------|-------|----------|---------|
| Stemmer; Willem P. C.      | Los Gatos | CA    |          |         |
| Subramanian; Venkiteswaran | San Diego | CA    |          |         |

US-CL-CURRENT: 800/284; 435/419, 435/6

|                      |                       |                          |                       |                        |                                |                      |                           |                        |                     |                      |                    |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|------------------------|---------------------|----------------------|--------------------|
| <a href="#">Full</a> | <a href="#">Title</a> | <a href="#">Citation</a> | <a href="#">Front</a> | <a href="#">Review</a> | <a href="#">Classification</a> | <a href="#">Date</a> | <a href="#">Reference</a> | <a href="#">Claims</a> | <a href="#">KMC</a> | <a href="#">Draw</a> | <a href="#">De</a> |
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22. Document ID: US 6437217 B1

L1: Entry 22 of 38

File: USPT

Aug 20, 2002

US-PAT-NO: 6437217

DOCUMENT-IDENTIFIER: US 6437217 B1

TITLE: Maize RS81 promoter and methods for use thereof

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

| NAME                 | CITY       | STATE | ZIP CODE | COUNTRY |
|----------------------|------------|-------|----------|---------|
| McElroy; David       | Palo Alto  | CA    |          |         |
| Orozco, Jr.; Emil M. | West Grove | PA    |          |         |
| Laccetti; Lucille B. | Groton     | CT    |          |         |

US-CL-CURRENT: 800/278; 435/419, 435/430, 435/468, 536/23.6, 536/24.1, 800/260,  
800/275, 800/279, 800/287, 800/289, 800/295, 800/298, 800/300, 800/301, 800/302,  
800/303, 800/306, 800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320,  
800/320.1, 800/322

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|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-------|----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Drawn | De |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-------|----|

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23. Document ID: US 6433252 B1

L1: Entry 23 of 38

File: USPT

Aug 13, 2002

US-PAT-NO: 6433252

DOCUMENT-IDENTIFIER: US 6433252 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Maize L3 oleosin promoter

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

| NAME            | CITY             | STATE | ZIP CODE | COUNTRY |
|-----------------|------------------|-------|----------|---------|
| Kriz; Alan L.   | Gales Ferry      | CT    |          |         |
| Griffor; Mathew | North Stonington | CT    |          |         |

US-CL-CURRENT: 800/287, 435/418, 435/419, 435/468, 536/23.4, 536/23.6, 536/23.7,  
536/24.1, 800/278, 800/279, 800/312, 800/314, 800/316, 800/317.2, 800/317.3,  
800/317.4, 800/320, 800/320.1, 800/320.2, 800/320.3

|      |       |          |       |        |                |      |           |        |     |       |    |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-------|----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Drawn | De |
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24. Document ID: US 6429357 B1

L1: Entry 24 of 38

File: USPT

Aug 6, 2002

US-PAT-NO: 6429357

DOCUMENT-IDENTIFIER: US 6429357 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Rice actin 2 promoter and intron and methods for use thereof

DATE-ISSUED: August 6, 2002

## INVENTOR-INFORMATION:

| NAME           | CITY      | STATE | ZIP CODE | COUNTRY |
|----------------|-----------|-------|----------|---------|
| McElroy; David | Palo Alto | CA    |          |         |
| Wu; Ray        | Ithaca    | NY    |          |         |

US-CL-CURRENT: 800/278, 435/252.3, 435/320.1, 435/412, 435/413, 435/414, 435/416,  
435/417, 435/418, 435/419, 435/468, 435/69.1, 536/23.1, 536/23.6, 536/24.1,  
800/279, 800/281, 800/284, 800/289, 800/290, 800/292, 800/293, 800/294, 800/295,  
800/298, 800/300, 800/301, 800/302, 800/303, 800/306, 800/312, 800/314, 800/317.2,  
800/317.3, 800/317.4, 800/320, 800/320.1, 800/320.3, 800/322

|      |       |          |       |        |                |      |           |        |     |       |    |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-------|----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Drawn | De |
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25. Document ID: US 6426446 B1

L1: Entry 25 of 38

File: USPT

Jul 30, 2002

US-PAT-NO: 6426446

DOCUMENT-IDENTIFIER: US 6426446 B1

TITLE: Maize RS324 promoter and methods for use thereof

DATE-ISSUED: July 30, 2002

## INVENTOR-INFORMATION:

| NAME                 | CITY       | STATE | ZIP CODE | COUNTRY |
|----------------------|------------|-------|----------|---------|
| McElroy; David       | Palo Alto  | CA    |          |         |
| Orozco, Jr.; Emil M. | West Grove | PA    |          |         |
| Laccetti; Lucille B. | Groton     | CT    |          |         |

US-CL-CURRENT: 800/278, 435/419, 435/430, 435/468, 536/23.6, 536/24.1, 800/260,  
800/275, 800/279, 800/287, 800/289, 800/295, 800/298, 800/300, 800/302, 800/303,  
800/306, 800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320, 800/320.1,  
800/322[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Image](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 26. Document ID: US 6392119 B1

L1: Entry 26 of 38

File: USPT

May 21, 2002

US-PAT-NO: 6392119

DOCUMENT-IDENTIFIER: US 6392119 B1

TITLE: Two component plant cell lethality methods and compositions

DATE-ISSUED: May 21, 2002

## INVENTOR-INFORMATION:

| NAME            | CITY          | STATE | ZIP CODE | COUNTRY |
|-----------------|---------------|-------|----------|---------|
| Gutterson; Neal | Oakland       | CA    |          |         |
| Ralston; Ed     | Pleasant Hill | CA    |          |         |

US-CL-CURRENT: 800/278, 435/410, 435/418, 435/419, 435/440, 435/468, 435/469,  
435/69.1, 800/288, 800/290, 800/295, 800/298, 800/300, 800/303[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Image](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 27. Document ID: US 6388169 B1

L1: Entry 27 of 38

File: USPT

May 14, 2002

US-PAT-NO: 6388169

DOCUMENT-IDENTIFIER: US 6388169 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Maize orthologues of bacterial RecA proteins

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

| NAME                     | CITY      | STATE | ZIP CODE | COUNTRY |
|--------------------------|-----------|-------|----------|---------|
| Mahajan; Pramod B.       | Urbandale | IA    |          |         |
| Shi; Jinrui              | Johnston  | IA    |          |         |
| Baszczynski; Christopher | Urbandale | IA    |          |         |
| McElver; John            | Durham    | NC    |          |         |
| Bowen; Benjamin          | Hayward   | CA    |          |         |

US-CL-CURRENT: 800/278, 435/320.1, 435/419, 435/468, 435/69.1, 536/23.2, 536/23.6,  
536/24.1, 536/24.5, 800/286, 800/295, 800/298, 800/306, 800/312, 800/314, 800/320,  
800/320.1, 800/320.2, 800/320.3, 800/322

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)

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28. Document ID: US 6384304 B1

L1: Entry 28 of 38

File: USPT

May 7, 2002

US-PAT-NO: 6384304

DOCUMENT-IDENTIFIER: US 6384304 B1

TITLE: Conditional sterility in wheat

DATE-ISSUED: May 7, 2002

INVENTOR-INFORMATION:

| NAME              | CITY       | STATE | ZIP CODE | COUNTRY |
|-------------------|------------|-------|----------|---------|
| Quandt; Jurgen    | Saskatoon  |       |          | CA      |
| Bartsch; Klaus    | Konigstein |       |          | DE      |
| Knittel; Nathalie | Frankfurt  |       |          | DE      |

US-CL-CURRENT: 800/320.3, 435/418, 435/419, 435/468, 800/271, 800/274, 800/278,  
800/287, 800/288, 800/300, 800/303

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)

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29. Document ID: US 6376743 B1

L1: Entry 29 of 38

File: USPT

Apr 23, 2002

US-PAT-NO: 6376743

DOCUMENT-IDENTIFIER: US 6376743 B1

TITLE: Mammalian transgenesis by intracytoplasmic sperm injection

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

|                    |          |       |          |         |
|--------------------|----------|-------|----------|---------|
| NAME               | CITY     | STATE | ZIP CODE | COUNTRY |
| Yanagimachi; Ryuzo | Honolulu | HI    |          |         |

US-CL-CURRENT: 800/18; 435/325, 435/455, 800/13, 800/14, 800/21, 800/3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Advanced Search](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 30. Document ID: US 6307123 B1

L1: Entry 30 of 38

File: USPT

Oct 23, 2001

US-PAT-NO: 6307123

DOCUMENT-IDENTIFIER: US 6307123 B1

TITLE: Methods and compositions for transgene identification

DATE-ISSUED: October 23, 2001

## INVENTOR-INFORMATION:

|                     |             |       |          |         |
|---------------------|-------------|-------|----------|---------|
| NAME                | CITY        | STATE | ZIP CODE | COUNTRY |
| Kriz; Alan L.       | Gales Ferry | CT    |          |         |
| Spencer; T. Michael | Mystic      | CT    |          |         |

US-CL-CURRENT: 800/282; 536/23.4, 536/24.1, 800/266, 800/288, 800/300, 800/301

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Advanced Search](#) | [Claims](#) | [KMC](#) | [Drawn D](#)[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

|                         |           |
|-------------------------|-----------|
| Terms                   | Documents |
| plastid and recombinase | 38        |

Display Format: [CIT](#) | [Change Format](#)[Previous Page](#) | [Next Page](#) | [Go to Doc#](#)

## Hit List

|                               |                                     |                       |                          |                           |
|-------------------------------|-------------------------------------|-----------------------|--------------------------|---------------------------|
| <a href="#">Clear</a>         | <a href="#">Generate Collection</a> | <a href="#">Print</a> | <a href="#">Fwd Refs</a> | <a href="#">Bkwd Refs</a> |
| <a href="#">Generate OACS</a> |                                     |                       |                          |                           |

### Search Results - Record(s) 31 through 38 of 38 returned.

31. Document ID: US 6303312 B1

L1: Entry 31 of 38

File: USPT

Oct 16, 2001

US-PAT-NO: 6303312

DOCUMENT-IDENTIFIER: US 6303312 B1

TITLE: Complex formation between dsDNA and oligomer of cyclic heterocycles

DATE-ISSUED: October 16, 2001

INVENTOR-INFORMATION:

| NAME                | CITY       | STATE | ZIP CODE | COUNTRY |
|---------------------|------------|-------|----------|---------|
| Dervan; Peter B.    | San Marino | CA    |          |         |
| Gottesfeld; Joel M. | Del Mar    | CA    |          |         |

US-CL-CURRENT: 435/6; 536/26,6

|                      |                       |                          |                       |                        |                                |                      |                           |                          |                        |                     |                         |
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| <a href="#">Full</a> | <a href="#">Title</a> | <a href="#">Citation</a> | <a href="#">Front</a> | <a href="#">Review</a> | <a href="#">Classification</a> | <a href="#">Date</a> | <a href="#">Reference</a> | <a href="#">Drawings</a> | <a href="#">Claims</a> | <a href="#">KMC</a> | <a href="#">Drawn D</a> |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|--------------------------|------------------------|---------------------|-------------------------|

32. Document ID: US 6232526 B1

L1: Entry 32 of 38

File: USPT

May 15, 2001

US-PAT-NO: 6232526

DOCUMENT-IDENTIFIER: US 6232526 B1

TITLE: Maize A3 promoter and methods for use thereof

DATE-ISSUED: May 15, 2001

INVENTOR-INFORMATION:

| NAME                 | CITY          | STATE | ZIP CODE | COUNTRY |
|----------------------|---------------|-------|----------|---------|
| McElroy; David       | Palo Alto     | CA    |          |         |
| Kriz; Alan L.        | Gales Ferry   | CT    |          |         |
| Orozco, Jr.; Emil M. | West Grove    | PA    |          |         |
| Griffor; Matt        | N. Stonington | CT    |          |         |

US-CL-CURRENT: 800/278; 435/252.3, 435/320.1, 435/413, 435/414, 435/415, 435/416,  
435/417, 435/418, 435/419, 435/468, 435/69.1, 536/23.1, 536/23.6, 536/24.1,  
800/279, 800/281, 800/284, 800/287, 800/289, 800/290, 800/295, 800/298, 800/300,  
800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320, 800/320.1, 800/320.2,

800/320.3

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KM/C | Drawn D |
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 33. Document ID: US 6207879 B1

L1: Entry 33 of 38

File: USPT

Mar 27, 2001

US-PAT-NO: 6207879

DOCUMENT-IDENTIFIER: US 6207879 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Maize RS81 promoter and methods for use thereof

DATE-ISSUED: March 27, 2001

## INVENTOR-INFORMATION:

| NAME                 | CITY       | STATE | ZIP CODE | COUNTRY |
|----------------------|------------|-------|----------|---------|
| McElroy; David       | Palo Alto  | CA    |          |         |
| Orozco, Jr.; Emil M. | West Grove | PA    |          |         |
| Laccetti; Lucille B. | Groton     | CT    |          |         |

US-CL-CURRENT: 800/278, 435/252.3, 435/320.1, 435/418, 435/419, 435/468, 435/69.1,  
536/23.1, 536/23.6, 536/24.1, 800/279, 800/281, 800/284, 800/287, 800/289,  
800/290, 800/292, 800/293, 800/294, 800/295, 800/298, 800/300, 800/301, 800/302,  
800/303, 800/306, 800/312, 800/314, 800/317, 800/317.2, 800/317.3, 800/317.4,  
800/320, 800/322

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KM/C | Drawn D |
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 34. Document ID: US 6194636 B1

L1: Entry 34 of 38

File: USPT

Feb 27, 2001

US-PAT-NO: 6194636

DOCUMENT-IDENTIFIER: US 6194636 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Maize RS324 promoter and methods for use thereof

DATE-ISSUED: February 27, 2001

## INVENTOR-INFORMATION:

| NAME                 | CITY       | STATE | ZIP CODE | COUNTRY |
|----------------------|------------|-------|----------|---------|
| McElroy; David       | Palo Alto  | CA    |          |         |
| Orozco, Jr.; Emil M. | West Grove | PA    |          |         |
| Laccetti; Lucille B. | Groton     | CT    |          |         |

US-CL-CURRENT: 800/278, 435/252.3, 435/320.1, 435/418, 435/419, 435/468, 435/69.1,  
536/23.1, 536/23.6, 536/24.1, 800/279, 800/281, 800/284, 800/287, 800/289,  
800/290, 800/292, 800/293, 800/294, 800/295, 800/298, 800/300, 800/301, 800/302,

800/303, 800/306, 800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320.1,  
800/320.2, 800/320.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Text Search](#) | [Image Search](#) | [Claims](#) | [KMC](#) | [Drawn Dep](#)

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35. Document ID: US 6143901 A

L1: Entry 35 of 38

File: USPT

Nov 7, 2000

US-PAT-NO: 6143901

DOCUMENT-IDENTIFIER: US 6143901 A

\*\* See image for Certificate of Correction \*\*

TITLE: Complex formation between dsDNA and pyrrole imidazole polyamides

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

| NAME             | CITY       | STATE | ZIP CODE | COUNTRY |
|------------------|------------|-------|----------|---------|
| Dervan; Peter B. | San Marino | CA    |          |         |

US-CL-CURRENT: 548/312.4; 435/75

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Text Search](#) | [Image Search](#) | [Claims](#) | [KMC](#) | [Drawn Dep](#)

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36. Document ID: US 6107545 A

L1: Entry 36 of 38

File: USPT

Aug 22, 2000

US-PAT-NO: 6107545

DOCUMENT-IDENTIFIER: US 6107545 A

TITLE: Maize RAD6 genes and uses thereof

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

| NAME               | CITY      | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Mahajan; Pramod B. | Urbandale | IA    |          |         |

US-CL-CURRENT: 800/278; 435/419, 435/430, 435/431, 435/468, 435/69.1, 435/69.2,  
536/23.1, 536/23.2, 536/23.6, 536/24.1, 536/24.5, 800/286, 800/306, 800/312,  
800/314, 800/320, 800/320.1, 800/320.2, 800/320.3, 800/322

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Text Search](#) | [Image Search](#) | [Claims](#) | [KMC](#) | [Drawn Dep](#)

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37. Document ID: US 5998140 A

L1: Entry 37 of 38

File: USPT

Dec 7, 1999

US-PAT-NO: 5998140

DOCUMENT-IDENTIFIER: US 5998140 A

TITLE: Complex formation between dsDNA and oligomer of cyclic heterocycles

DATE-ISSUED: December 7, 1999

## INVENTOR-INFORMATION:

| NAME                | CITY       | STATE | ZIP CODE | COUNTRY |
|---------------------|------------|-------|----------|---------|
| Dervan; Peter B.    | San Marino | CA    |          |         |
| Gottesfeld; Joel M. | Del Mar    | CA    |          |         |

US-CL-CURRENT: 435/6; 536/24.3, 536/24.5

|      |       |          |       |        |                |      |           |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KOMC | Draw. D. |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|

 38. Document ID: US 5530191 A

L1: Entry 38 of 38

File: USPT

Jun 25, 1996

US-PAT-NO: 5530191

DOCUMENT-IDENTIFIER: US 5530191 A

TITLE: Method for producing cytoplasmic male sterility in plants and use thereof in production of hybrid seed

DATE-ISSUED: June 25, 1996

## INVENTOR-INFORMATION:

| NAME        | CITY           | STATE | ZIP CODE | COUNTRY |
|-------------|----------------|-------|----------|---------|
| Maliga; Pal | East Brunswick | NJ    |          |         |

US-CL-CURRENT: 800/274; 47/DIG.1, 800/287, 800/298, 800/303

|      |       |          |       |        |                |      |           |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KOMC | Draw. D. |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|

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| plastid and recombinase | 38        |

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SDIs in CAplus  
NEWS 6 May 27 CAplus super roles and document types searchable in REGISTRY  
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with the 228th ACS National Meeting  
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fields  
NEWS 12 AUG 02 CAplus and CA patent records enhanced with European and Japan  
Patent Office Classifications  
NEWS 13 AUG 02 STN User Update to be held August 22 in conjunction with the  
228th ACS National Meeting  
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(Version 7.01 for Windows) now available  
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AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

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=> s plastid and recombinase  
L1 20 PLASTID AND RECOMBINASE

=> dup rem l1  
PROCESSING COMPLETED FOR L1  
L2 14 DUP REM L1 (6 DUPLICATES REMOVED)

=> d 1-14

L2 ANSWER 1 OF 14 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2004:192685 BIOSIS  
DN PREV200400180579  
TI A novel approach to **plastid** transformation utilizes the phiC31  
phage integrase.  
AU Lutz, Kerry A.; Corneille, Sylvie; Azhagiri, Arun K.; Svab, Zora; Maliga,  
Pal [Reprint Author]  
CS Waksman Institute, Rutgers University, 190 Frelinghuysen Road, Piscataway,  
NJ, 08854-8020, USA  
maliga@waksman.rutgers.edu  
SO Plant Journal, (March 2004) Vol. 37, No. 6, pp. 906-913. print.  
ISSN: 0960-7412 (ISSN print).  
DT Article  
LA English  
ED Entered STN: 7 Apr 2004  
Last Updated on STN: 7 Apr 2004

L2 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:593120 CAPLUS  
TI **Plastid** transformation in higher plants  
AU Maliga, Pal  
CS Waksman Institute, Rutgers University, Piscataway, NJ, 08854-8020, USA  
SO Annual Review of Plant Biology (2004), 55, 289-313, 3 plates C1-C3  
CODEN: ARPBDW

PB Annual Reviews Inc.

DT Journal

LA English

RE.CNT 173 THERE ARE 173 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
AN 2004:79318 CAPLUS  
DN 140:230099  
TI Generation of marker-free **plastid** transformants using a

transiently cointegrated selection gene  
AU Klaus, Sebastian M. J.; Huang, Fong-Chin; Golds, Timothy J.; Koop, Hans-Ulrich  
CS ICON Genetics AG, Research Centre Freising, Freising, 85354, Germany  
SO Nature Biotechnology (2004), 22(2), 225-229  
CODEN: NABIF9; ISSN: 1087-0156  
PB Nature Publishing Group  
DT Journal  
LA English

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:571158 CAPLUS  
DN 139:112718  
TI Method for enhancing plant **plastid** transformation efficiency using procaryotic **recombinase** gene recA  
IN Liu, Jang-Ryol; Jeong, Won-Joong; Min, Sung-Ran; Jeong, Seok-Won; Han, Su-Kyoung  
PA Korea Research Institute of Bioscience and Biotechnology, S. Korea  
SO PCT Int. Appl., 21 pp.  
CODEN: PIXXD2  
DT Patent  
LA English

FAN.CNT 1

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| PI WO 2003060137  | A1   | 20030724 | WO 2002-KR2506  | 20021231 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |

PRAI KR 2002-218 A 20020103

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:511507 CAPLUS  
DN 139:80145  
TI Method for the transformation of vegetable **plastids**  
IN Biesgen, Christian  
PA Sungene GmbH & Co. Kgaa, Germany  
SO PCT Int. Appl., 164 pp.  
CODEN: PIXXD2

DT Patent  
LA German

FAN.CNT 1

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| PI WO 2003054201   | A1   | 20030703 | WO 2002-EP14303 | 20021216 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, |      |          |                 |          |

UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,  
RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
MR, NE, SN, TD, TG

PRAI DE 2001-10163159 A 20011220

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2

AN 2003:827984 CAPLUS

DN 140:88548

TI Identification of functional lox sites in the **plastid** genome

AU Corneille, Sylvie; Lutz, Kerry A.; Azhagiri, Arun K.; Maliga, Pal

CS Waksman Institute, Rutgers, The State University of New Jersey,  
Piscataway, NJ, 08854-8020, USA

SO Plant Journal (2003), 35(6), 753-762

CODEN: PLJUED; ISSN: 0960-7412

PB Blackwell Publishing Ltd.

DT Journal

LA English

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:778110 CAPLUS

DN 137:289921

TI Use of integrases to promote the insertion of foreign DNA into the  
**plastid** genome

IN Maliga, Pal; Corneille, Sylvie; Lutz, Kerry

PA Rutgers, the University of New Jersey, USA

SO PCT Int. Appl., 76 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

|      | PATENT NO.      | KIND   | DATE     | APPLICATION NO. | DATE     |  |
|------|-----------------|--|----------|-----------------|----------|--|
| PI   | WO 2002079409   | A2   | 20021010 | WO 2002-US9537  | 20020329 |  |
|      | WO 2002079409   | A3   | 20030508 |                 |          |  |
|      | W:              | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,<br>CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,<br>GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,<br>LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,<br>PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,<br>UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,<br>TJ, TM |          |                 |          |  |
|      | RW:             | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,<br>CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,<br>BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |  |
|      | US 2004163145   | A1   | 20040819 | US 2004-473207  | 20040310 |  |
| PRAI | US 2001-279615P | P  | 20010329 |                 |          |  |
|      | WO 2002-US9537  | W  | 20020329 |                 |          |  |

L2 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:449896 CAPLUS

DN 137:29039

TI Construction of bicistronic-transgene expression vectors containing  
internal ribosome entry site (IRES) regulated selectable marker for  
transgenic plants

IN Gleba, Yuri; Klimyuk, Victor; Benning, Gregor; Eliby, Serik

PA Icon Genetics Ag, Germany  
SO PCT Int. Appl., 46 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 2

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
|------|---|------|----------|------------------|----------|
| PI   | WO 2002046440   | A2   | 20020613 | WO 2001-EP14421  | 20011207 |
|      | WO 2002046440   | A3   | 20030227 |                  |          |
|      | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                  |          |
|      | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                  |          |
|      | DE 10061150   | A1   | 20020613 | DE 2000-10061150 | 20001208 |
|      | AU 2002016082   | A5   | 20020618 | AU 2002-16082    | 20011207 |
|      | EP 1339859  | A2   | 20030903 | EP 2001-999657   | 20011207 |
|      | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR   |      |          |                  |          |
|      | US 2004088764   | A1   | 20040506 | US 2003-416931   | 20031224 |
| PRAI | DE 2000-10061150  | A    | 20001208 |                  |          |
|      | WO 2001-EP14421   | W    | 20011207 |                  |          |

L2 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3

AN 2002:135439 CAPLUS

DN 138:50266

TI Engineering the **plastid** genome of higher plants

AU Maliga, Pal

CS Waksman Institute, Rutgers, The State University of New Jersey, Piscataway, NJ, 08854-8020, USA

SO Current Opinion in Plant Biology (2002), 5(2), 164-172  
CODEN: COPBFZ; ISSN: 1369-5266

PB Elsevier Science Ltd.

DT Journal; General Review

LA English

RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:300890 CAPLUS

DN 134:321587

TI Site-specific recombination in plant cell **plastids** via transit peptide-**recombinase** fusion expression

IN Staub, Jeffrey M.

PA Calgene Llc, USA

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|----|--|------|----------|-----------------|----------|
| PI | WO 2001029241  | A2   | 20010426 | WO 2000-US28620 | 20001016 |
|    | WO 2001029241  | A3   | 20011129 |                 |          |
|    | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, |      |          |                 |          |

MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,  
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,  
 BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 BR 2000014858 A 20020716 BR 2000-14858 20001016  
 EP 1222296 A2 20020717 EP 2000-972211 20001016  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL  
 PRAI US 1999-159876P P 19991015  
 US 2000-225542P P 20000816  
 WO 2000-US28620 W 20001016

L2 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:229015 CAPLUS

DN 134:261838

TI Site-specific recombination system to manipulate the **plastid** genome of higher plants

IN Maliga, Pal; Corneille, Sylvie; Lutz, Kerry  
PA Rutgers, the State University of New Jersey, USA

SO PCT Int. Appl., 83 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

|      | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|------|--|------|----------|-----------------|----------|
| PI   | WO 2001021768  | A1   | 20010329 | WO 2000-US25930 | 20000921 |
|      | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,<br>CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,<br>HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,<br>LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,<br>SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,<br>YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
|      | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,<br>DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,<br>CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG   |      |          |                 |          |
|      | EP 1218488   | A1   | 20020703 | EP 2000-963696  | 20000921 |
|      | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO, MK, CY, AL   |      |          |                 |          |
|      | US 2003088081  | A1   | 20030508 | US 2002-109812  | 20020329 |
| PRAI | US 1999-155007P  | P    | 19990921 |                 |          |
|      | US 2000-211139P  | P    | 20000613 |                 |          |
|      | WO 2000-US25930  | W    | 20000921 |                 |          |
|      | US 2001-279591P  | P    | 20010329 |                 |          |

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 14 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:420984 BIOSIS

DN PREV200100420984

TI Efficient elimination of selectable marker genes from the **plastid** genome by the CRE-lox site-specific recombination system.

AU Corneille, Sylvie; Lutz, Kerry; Svab, Zora; Maliga, Pal [Reprint author]  
CS Waksman Institute, Rutgers, State University of New Jersey, 190  
Frelinghuysen Road, Piscataway, NJ, 08854-8020, USA  
maliga@waksman.rutgers.edu

SO Plant Journal, (July, 2001) Vol. 27, No. 2, pp. 171-178. print.  
ISSN: 0960-7412.

DT Article

LA English

ED Entered STN: 5 Sep 2001  
Last Updated on STN: 22 Feb 2002

L2 ANSWER 13 OF 14 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN

AN 2004:10564 AGRICOLA  
DN IND43617974

TI A novel approach to **plastid** transformation utilizes the **phiC31** phage integrase.

AU Lutz, K.A.; Corneille, S.; Azhagiri, A.K.; Svab, Z.; Maliga, P.  
AV DNAL (QK710.P68)

SO Plant journal, p. 906-913  
ISSN: 0960-7412

NTE Includes references  
DT Article  
FS Non US  
LA English

L2 ANSWER 14 OF 14 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN

AN 2004:9019 AGRICOLA  
DN IND43616316

TI Identification of functional lox sites in the **plastid** genome.

AU Corneille, S.; Lutz, K.A.; Azhagiri, A.K.; Maliga, P.  
AV DNAL (QK710.P68)

SO Plant journal, p. 753-762  
ISSN: 0960-7412

NTE Includes references  
DT Article  
FS Non US  
LA English

## Hit List

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| Generate OACS |                     |       |          |           |

### Search Results - Record(s) 1 through 7 of 7 returned.

1. Document ID: US 6781033 B2

L3: Entry 1 of 7

File: USPT

Aug 24, 2004

US-PAT-NO: 6781033

DOCUMENT-IDENTIFIER: US 6781033 B2

TITLE: Method for the transformation of plant cell plastids

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

| NAME              | CITY        | STATE | ZIP CODE | COUNTRY |
|-------------------|-------------|-------|----------|---------|
| Staub; Jeffrey M  | Wildwood    | MO    |          |         |
| Ye; Guangning     | Ellisville  | MO    |          |         |
| Broyles; Debra L. | Wright City | MO    |          |         |

US-CL-CURRENT: 800/278; 800/288

|      |       |          |       |        |                |      |           |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KOMC | Drawn D |
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2. Document ID: US 6512162 B2

L3: Entry 2 of 7

File: USPT

Jan 28, 2003

US-PAT-NO: 6512162

DOCUMENT-IDENTIFIER: US 6512162 B2

TITLE: Expression of eukaryotic peptides in plant plastids

DATE-ISSUED: January 28, 2003

INVENTOR-INFORMATION:

| NAME                     | CITY         | STATE | ZIP CODE | COUNTRY |
|--------------------------|--------------|-------|----------|---------|
| McBride; Kevin E.        | Davis        | CA    |          |         |
| Nehra; Narender          | Chesterfield | MO    |          |         |
| Russell; Douglas A.      | Madison      | WI    |          |         |
| Stalker; David M.        | Woodland     | CA    |          |         |
| <u>Staub; Jeffrey M.</u> | Chesterfield | MO    |          |         |

US-CL-CURRENT: 800/278; 435/419, 435/468, 536/23.5, 536/23.6, 536/23.7, 536/23.72,  
536/24.1, 800/287, 800/288

|      |       |          |       |        |                |      |           |        |     |      |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|------|

3. Document ID: US 6492578 B1

L3: Entry 3 of 7

File: USPT

Dec 10, 2002

US-PAT-NO: 6492578

DOCUMENT-IDENTIFIER: US 6492578 B1

TITLE: Expression of herbicide tolerance genes in plant plastids

DATE-ISSUED: December 10, 2002

## INVENTOR-INFORMATION:

| NAME                     | CITY         | STATE | ZIP CODE | COUNTRY |
|--------------------------|--------------|-------|----------|---------|
| <u>Staub; Jeffrey M.</u> | Chesterfield | MO    |          |         |
| Hajdukiewicz; Peter      | Chesterfield | MO    |          |         |
| McBride; Kevin E.        | Davis        | CA    |          |         |
| Nehra; Narender          | Chesterfield | MO    |          |         |
| Schaaf; David J.         | Davis        | CA    |          |         |
| Stalker; David M.        | Woodland     | CA    |          |         |
| Ye; Guangning            | Ellisville   | MO    |          |         |

US-CL-CURRENT: 800/300; 435/418, 435/419, 435/468, 435/69.1, 536/23.2, 536/23.6,  
536/23.7, 536/23.72, 536/24.1, 800/278, 800/287, 800/288

|      |       |          |       |        |                |      |           |        |     |      |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw |
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4. Document ID: US 6388168 B1

L3: Entry 4 of 7

File: USPT

May 14, 2002

US-PAT-NO: 6388168

DOCUMENT-IDENTIFIER: US 6388168 B1

TITLE: DNA constructs and methods for stably transforming plastids of multicellular plants and expressing recombinant proteins therein

DATE-ISSUED: May 14, 2002

## INVENTOR-INFORMATION:

| NAME                     | CITY           | STATE | ZIP CODE | COUNTRY |
|--------------------------|----------------|-------|----------|---------|
| <u>Maliga; Pal</u>       | East Brunswick | NJ    |          |         |
| <u>Maliga; Zora Svab</u> | East Brunswick | NJ    |          |         |
| <u>Staub; Jeffrey M.</u> | Wildwood       | MO    |          |         |

US-CL-CURRENT: 800/278; 435/320.1, 435/468, 435/69.1, 536/23.6, 536/23.7,  
536/23.72, 536/24.1, 800/287, 800/288

|      |       |          |       |        |                |      |           |        |      |       |     |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Drawn | Des |
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5. Document ID: US 6271444 B1

L3: Entry 5 of 7

File: USPT

Aug 7, 2001

US-PAT-NO: 6271444

DOCUMENT-IDENTIFIER: US 6271444 B1

TITLE: Enhancer elements for increased translation in plant plastids

DATE-ISSUED: August 7, 2001

## INVENTOR-INFORMATION:

| NAME                     | CITY         | STATE | ZIP CODE | COUNTRY |
|--------------------------|--------------|-------|----------|---------|
| McBride; Kevin E.        | Davis        | CA    |          |         |
| <u>Staub; Jeffrey M.</u> | Chesterfield | MO    |          |         |

US-CL-CURRENT: 800/300; 435/418, 435/419, 435/468, 435/69.1, 536/23.2, 536/23.6,  
536/23.7, 536/23.72, 536/24.1, 800/278, 800/287, 800/288

|      |       |          |       |        |                |      |           |        |      |       |     |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Drawn | Des |
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6. Document ID: US 6218145 B1

L3: Entry 6 of 7

File: USPT

Apr 17, 2001

US-PAT-NO: 6218145

DOCUMENT-IDENTIFIER: US 6218145 B1

TITLE: Bacterial expression systems based on plastic or mitochondrial promoter combinations

DATE-ISSUED: April 17, 2001

## INVENTOR-INFORMATION:

| NAME                     | CITY         | STATE | ZIP CODE | COUNTRY |
|--------------------------|--------------|-------|----------|---------|
| Bogosian; Gregg          | Chesterfield | MO    |          |         |
| O'Neil; Julia P.         | St. Louis    | MO    |          |         |
| <u>Staub; Jeffrey M.</u> | Wildwood     | MO    |          |         |

US-CL-CURRENT: 435/69.1; 435/194, 435/252.33, 435/320.1, 435/325, 435/410, 435/476,  
435/483, 435/485

|      |       |          |       |        |                |      |           |        |      |       |     |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Drawn | Des |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------|-----|

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7. Document ID: US 5877402 A

L3: Entry 7 of 7

File: USPT

Mar 2, 1999

US-PAT-NO: 5877402

DOCUMENT-IDENTIFIER: US 5877402 A

\*\* See image for Certificate of Correction \*\*

TITLE: DNA constructs and methods for stably transforming plastids of multicellular plants and expressing recombinant proteins therein

DATE-ISSUED: March 2, 1999

## INVENTOR-INFORMATION:

| NAME                     | CITY           | STATE | ZIP CODE | COUNTRY |
|--------------------------|----------------|-------|----------|---------|
| Maliga; Pal              | East Brunswick | NJ    |          |         |
| Maliga; Zora Svab        | East Brunswick | NJ    |          |         |
| <u>Staub; Jeffrey M.</u> | Marlton        | NJ    |          |         |
| Zoubenko; Oleg           | Piscataway     | NJ    |          |         |
| Allison; Lori A.         | Highland Park  | NJ    |          |         |
| Carrer; Helaine          | Piracicaba     |       |          | BR      |
| Kanevski; Ivan           | Piscataway     | NJ    |          |         |

US-CL-CURRENT: 800/298; 435/320.1, 435/419, 435/69.8, 536/23.6, 536/24.1, 800/287[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Print](#) | [Claims](#) | [KMC](#) | [Drawn D](#)[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

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L3: Entry 1 of 7

File: USPT

Aug 24, 2004

US-PAT-NO: 6781033

DOCUMENT-IDENTIFIER: US 6781033 B2

TITLE: Method for the transformation of plant cell plastids.

DATE-ISSUED: August 24, 2004

## INVENTOR-INFORMATION:

| NAME                     | CITY        | STATE | ZIP CODE | COUNTRY |
|--------------------------|-------------|-------|----------|---------|
| <u>Staub; Jeffrey M</u>  | Wildwood    | MO    |          |         |
| <u>Ye; Guangning</u>     | Ellisville  | MO    |          |         |
| <u>Broyles; Debra L.</u> | Wright City | MO    |          |         |

US-CL-CURRENT: 800/278; 800/288

## CLAIMS:

What is claimed is:

1. A method for obtaining a transplastomic plant, wherein the method comprises the steps of: a) introducing into a plastid of a plant cell a recombinant nucleic acid construct comprising regions of plastid homology, a promoter functional in a plant cell plastid, a nucleic acid sequence encoding a glyphosate resistant EPSPS, and a transcriptional termination region functional in a plant cell plastid to produce a transformed plant cell, b) placing said transformed plant cell on a first culture medium comprising a sublethal amount of glyphosate for a period of time sufficient to permit said plant cell to replicate to produce replicated plant cells, and c) placing said replicated plant cells on a second culture medium comprising a lethal concentration of glyphosate for a period of time sufficient to select plant cells capable of growing in the presence of glyphosate; and d) regenerating a transplastomic plant from said plant cells that grow in said second culture medium.

2. The method according to claim 1, wherein said glyphosate resistant EPSPS is CP4.

3. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 12 weeks.

4. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 8 weeks.

5. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 4 weeks.

6. The method according to claim 1, wherein said plant cell is selected on

said first culture medium for less than about 3 weeks.

[Previous Doc](#)

[Next Doc](#)

[Go to Doc#](#)

[First Hit](#) [Fwd Refs](#)[Previous Doc](#) [Next Doc](#) [Go to Doc#](#)[Generate Collection](#)[Print](#)

L3: Entry 1 of 7

File: USPT

Aug 24, 2004

US-PAT-NO: 6781033

DOCUMENT-IDENTIFIER: US 6781033 B2

TITLE: Method for the transformation of plant cell plastids

DATE-ISSUED: August 24, 2004

## INVENTOR-INFORMATION:

| NAME              | CITY        | STATE | ZIP CODE | COUNTRY |
|-------------------|-------------|-------|----------|---------|
| Staub; Jeffrey M  | Wildwood    | MO    |          |         |
| Ye; Guangning     | Ellisville  | MO    |          |         |
| Broyles; Debra L. | Wright City | MO    |          |         |

US-CL-CURRENT: 800/278; 800/288

## CLAIMS:

What is claimed is:

1. A method for obtaining a transplastomic plant, wherein the method comprises the steps of: a) introducing into a plastid of a plant cell a recombinant nucleic acid construct comprising regions of plastid homology, a promoter functional in a plant cell plastid, a nucleic acid sequence encoding a glyphosate resistant EPSPS, and a transcriptional termination region functional in a plant cell plastid to produce a transformed plant cell, b) placing said transformed plant cell on a first culture medium comprising a sublethal amount of glyphosate for a period of time sufficient to permit said plant cell to replicate to produce replicated plant cells, and c) placing said replicated plant cells on a second culture medium comprising a lethal concentration of glyphosate for a period of time sufficient to select plant cells capable of growing in the presence of glyphosate; and d) regenerating a transplastomic plant from said plant cells that grow in said second culture medium.

2. The method according to claim 1, wherein said glyphosate resistant EPSPS is CP4.

3. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 12 weeks.

4. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 8 weeks.

5. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 4 weeks.

6. The method according to claim 1, wherein said plant cell is selected on

said first culture medium for less than about 3 weeks.

[Previous Doc](#)      [Next Doc](#)      [Go to Doc#](#)